Comm.
Dr. Jacobson
Dr. Loosli
Dr. Sommers

#826R2
#826R1 - 7/1/72-6/30/73
#826 - 7/1/71-6/30/72

EPIDEMIOLOGY

THE COUNCIL FOR TOBACCO RESEARCH–U.S.A., INC.

110 EAST 59TH STREET
NEW YORK, N. Y. 10022
(212) 421-8885

JAN 3 0 1973

Application For Renewal of Research Grant

(Use extra pages as needed)

First Renewal ☐ Second Renewal ☒ Date: Jan. 26, 1973

JAN 3 0 1973

1. Principal Investigator (give title and degrees):

Thomas R. Dawber, M.D., M.P.H. — Principal Investigator
H. Emerson Thomas, Jr., M.D. — Co-Investigator
Carl C. Seltzer, Ph.D. — Co-Investigator

2. Institution & address:

Boston University School of Medicine
80 East Concord Street
Boston, Mass. 02118

3. Department(s) where research will be done or collaboration provided:

Department of Medicine
Evans Department of Medical Research

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4. Short title of study:

Smoking Classes, Risk Factors and Cardiovascular Disease

5. Proposed renewal date: July 1, 1973

6. How results to date have changed earlier specific research aims: The research aims of this study are essentially unchanged. They include the study of the effect of tobacco smoking on the development of certain diseases. Originally the Framingham Study was set up to investigate the relation of certain constitutional and environmental factors to the development of coronary heart disease. This intent continues but now also involves the investigation of stroke and peripheral vascular disease.

In addition, a clinic has been organized to study the development of cataract, glaucoma, retinal degeneration and diabetic retinopathy. This will be open on February 1, 1973. Included in this investigation will be the effect of tobacco usage habits on these disorders. The conduct of this study is dependent on our ability to bring in the population for study which has been partially supported by the C.T.R. grant (i.e. our success in bringing in the population for study has made it possible to enlarge the scope of the study).

7. How results to date have changed earlier working hypothesis:

No essential change

Source: https://www.industrydocuments.ucsf.edu/docs/rgpl0000

8. Any additional facilities now required? Describe briefly:

This study has been carried out using facilities currently under contract to the National Heart and Lung Institute. The crowding and inefficiency resulting from having our employees working in cramped quarters has made it necessary that we obtain additional space for the use of the Boston University Medical Center - Framingham Study workers. Accordingly, we have rented approximately 800 square feet of space across the street from the Framingham Union Hospital to be occupied by the principal investigator and certain members of the staff. This space is adjacent to the BUMC - Framingham Study Eye Clinic and will make possible a more efficient operation in continuing all phases of the study.

9. Any changes in personnel? Append biographical sketches of new key professional personnel:

No new personnel have been added

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10. Append outline of experimental protocol for ensuing year.

11. List publications or papers in press resulting from this or closely related work. (append reprints or manuscripts not previously sent).

a.) Kannel, W. B. and Dawber, T. R.: Atherosclerosis as a pediatric problem. J. Pediat. 80 (#4 - part 1) p. 544-554, April 1972.

b.) Kannel, W. B. and Dawber, T. R.: Epidemiology of coronary disease: Contributors to coronary risk implications for prevention and public health: The Framingham Study. Heart and Lung I (#6), p. 797-810, Nov.-Dec. 1972.

c.) Dawber, T. R., Thomas, H. E., and McNamara, P. M.: Vasculography in the detection of coronary heart disease. To be published in April 1973 in Angiology.

d.) Wolf, P. A., Kannel, W. B., McNamara, P. M. and Gordon T.: The role of impaired cardiac function in atherothrombotic brain infarction: The Framingham Study. Am. J. Pub. Health 63(#1), p. 52-58, Jan. 1973.

e.) Kannel, W. B. and Dawber, T. R.: Hypertensive cardiovascular disease: The Framingham Study. for Hahnemann Symposium -- to appear in Hypertension: Mechanisms and Management.

f.) Dawber, T. R. and Kannel, W. B.: Current status of coronary prevention: Lessons from the Framingham Study. To be published in Preventive Medicine.

12. Summary progress report (append in standard form as separate document, unless recently submitted).

Source: https://www.industrydocuments.ucsf.edu/docs/gpb0000

10. Research Protocol

The Framingham Study population has been under observation since 1949 with biennial examinations of the subjects to determine the development of certain atherosclerotic diseases, i.e. coronary heart disease, cerebrovascular disease and peripheral arterial disease. In addition, recording has been made of numerous host and environmental factors which may affect the development of these disorders. Among these characteristics are the smoking habits of the population. At the present time the study is being continued by the re-examination of the entire remaining population of over four thousand subjects between September 1, 1971, and September 1, 1973. The Progress Report indicates the status of this study.

During the coming year we plan to:

1. Continue examination of remaining subjects to complete Exam 12 by September 1, 1973

2. Begin re-examination on Exam 13 in September 1973. This calls for:

   (a) preparation of forms for Exam 13 -- based on decisions regarding the collection of new data

   (b) revision of examination procedures

   (c) provision of adequate space for re-examination

   (d) collection and processing of data

It has been necessary to review the records and retabulate the data to permit comparison of subjects entering the study at a given age. Comparison is being made between cigarette smokers and non-smokers in terms of the age of myocardial infarction, sudden death, coronary insufficiency, and angina pectoris. Observations of differences in the age of development of these manifestations are made and estimates of the apparent differences between the smokers and non-smokers derived.

3. Continuation of data processing for Exam 12 and analysis thereof.

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Source: https://www.industrydocuments.ucsf.edu/docs/gpl0000

13. Budget for the coming year:

A. Salaries (give names or state "to be recruited")	% time	Amount
Professional (give % time of investigator(s) even if no salary requested)		
Thomas R. Dawber, M. D., M. P. H.	40%	$12,000
H. Emerson Thomas, Jr., M. D.	25%	6,000
Carl C. Seltzer, Ph. D.	20%	5,000
Technical		
Clerk typist	100%	8,250
Statistical clerk	100%	8,250
	Sub-Total for A	39,500
B. Consumable supplies (by major categories)		
Record forms		500
Office supplies		500
	Sub-Total for B	1,000
C. Other expenses (itemize)		
Travel		1,500
Data processing		4,000
Space (40% of cost)		1,500
	Sub-Total for C	7,000
	Running Total of A + B + C	47,500
D. Permanent equipment (itemize)		
None	Sub-Total for D	--
E. Indirect costs (15% of A+B+C)	E	7,125
	Total request	54,625

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Source: https://www.industrydocuments.ucsf.edu/docs/rgpl0000

14. Other sources of financial support:

List financial support from all sources, including own institution, for this and related research projects.

CURRENTLY ACTIVE

Title of Project	Source (give grant numbers)	Amount	Inclusive Dates
The Epidemiology of Stroke	NIND - #NS09695-02	65,194	May 1, 1972 - April 30, 1973
Private funds supplied by Boston University (BUMC-Framingham Study Fund)		50,000	July 1, 1972 - June 30, 1973

PENDING OR PLANNED

Title of Project	Source (give grant numbers)	Amount	Inclusive Dates
Continuation of above			

It is understood that the investigator and institutional officers in applying for a grant have read and accept the Council's "Statement of Policy Containing Conditions and Terms Under Which Project Grants Are Made."

Checks payable to

Boston University

Mailing address for check:

Boston University School of Medicine
80 East Concord Street
Boston, Mass. 02118

Principal investigator

Typed Name Thomas R. Dawber, M.D., M.P.H.

Signature Thomas R Dawber Date 1/26/73

Telephone (617) 262-1400 6524
Area Code Number Extension

Responsible officer of institution

Typed Name Robert N. Jordan

Title Assistand Treasurer - Boston University

Signature Robert N. Jordan Date 1/26/73

Telephone (617) 262-4200 6101
Area Code Number Extension

10035393

Source: https://www.industrydocuments.ucsf.edu/docs/rgpl0000